Lukas Warode

B.A. Political Science | M.Sc. Data Science for Public Policy Candidate
✉ lukas.warode@gmx.de ○ lwarode in Lukas Warode 🐦 lukas_warode 🌐 lwarode.github.io

Education

Hertie School, M.Sc. Data Science for Public Policy   2021 – 2023

Covered Areas as yet

- Data Science with `R` and `Python`
- Machine Learning, Deep Learning and its Mathematical Foundations
- NLP and its Application in Social Science Research
- Causal Inference
- Economics
- Public Policy, the Policy Process and its Legal Basis

University of Bremen, B.A. Political Science (Grade: 1.37)   2017 – 2021

Strongly above-average grades (part of the best 2% of the cohort)

Thesis: "The 2014 and 2019 European Elections in the Context of Second-Order Elections" (Grade: 1.0)

Focus Areas

- (Applied) Statistics and Quantitative Methods
- Comparative Politics
- Election and Party Research
- Political Economy

Queen's University Belfast, Exchange Semester   2019

Work Experience

Academia

Research Assistant, *WZB Berlin Social Science Center*   10/2021 – 05/2022

- Project *Transformations of Democracy*

    Prof. Daniel Ziblatt, Ph.D.

Tutor in Statistics, *University of Bremen · Faculty of Social Sciences*   11/2020 – 03/2021

Research Assistant, *University of Bremen · SOCIUM*   03/2018 – 12/2020

- Project *Careers in Comparison*

    Prof. Dr. Philip Manow & Dr. Valentin Schröder

- Project *ParlGov*

    Dr. Holger Döring & Prof. Dr. Philip Manow

- Preparing lecture "Introduction to Comparative Politics"

- Assisting a research paper

    Dr. Alexander Gattig & Prof. Dr. Philip Manow

Private Sector

Data Research Working Student, *POLITICO Europe*	10/2022 – today
Data Science & Research Intern, *Project Open Discourse – Limebit*	07/2022 – 08/2022
Data Journalism Intern, *Süddeutsche Zeitung*	06/2021 – 07/2021
Data Science Intern, *eoda GmbH*	01/2021 – 03/2021
Graphic Design Intern, *liauw konzept und design*	10/2016 – 01/2017

Volunteering and Memberships

Participation in Bayesian Inference Reading Group led by Dr. Will Lowe, *Hertie School*	01/2023 – *today*
Student Representative, *Hertie School · Master of Data Sciene for Public Policy*	09/2022 – *today*
CorrelAid (*Data Science for Good*)	06/2019 – *today*

· Organizing the *Local Chapter Bremen*

· Participating in voluntary Data Science project with *Mehr Demokratie e.V.*

· Participating in Mentoring Program as Mentor

· Presenting (Political) Data Science projects at "Data Meetups"

Member of the appointment committee, *Professorship for Quantitative Methods, University of Bremen · Faculty of Social Sciences*	10/2020
Voluntary activity as an election worker, *State of Bremen*	05/2019
Voluntary involvement in a community as a group leader, *St. Raphael Bremen*	2015 – 2017

Skills

Language

German (mother tongue)

English (fluent | TOEFL iBT · Score: 110/120 · C1 – C2)

French (basics)

Statistical Packages

`R` / *tidyverse* (advanced to semi-professional)

· Data manipulation
· Data visualization
· Statistical methods
· Interactive tools (`R Markdown`, `Shiny`)
· Project and package development

Stata (advanced)

Mplus (basics)

Computer Knowledge

`Python` (basics to advanced)

- · Data manipulation
- · Data visualization
- · Machine Learning methods

`SQL` (basics)

MS Office – Word, Excel, PowerPoint (basics – advanced)

Adobe Creative Cloud - InDesign, Photoshop, Illustrator, Dreamweaver, Lightroom (basics – advanced)

Publications and Projects

Published

Data Science Projects

`opendiscouRse`: `R Package` using *Open Discourse* database

- · Package containing functions to obtain descriptive statistics and analyses for external and internal usage
- · Current state: In development

ParlGov Dashboard: `R Shiny` Dashboard using *ParlGov* database

- · Comprehensive data visualizations and tables on parties, elections and cabinets
- · Source Code

`legislatoR+`: `R Shiny` App using Comparative Legislators Database

- · Master's class final course project, geographical and distributional visualizations of German MPs
- · Source Code and Project Description

Whisky Dashboard: `R Shiny` App using taste data on Scottish Single Malt Whiskies

- · Categorical and geographical visualizations
- · Source Code and further Analyses

Academic Articles

Richter, F., Koch, P., Franke, O., Kraus, J., Warode, L., & Heine, S. (2023). *Open Discourse: Towards the first fully Comprehensive and Annotated Corpus of the Parliamentary Protocols of the German Bundestag*. SocArXiv. https://doi.org/10.31235/osf.io/dx87u

Non-Academic Articles

Schnelltests liefern mangelhafte Ergebnisse, *Süddeutsche Zeitung*, co-author: Markus Hametner

Warum die Impfkampagne stockt, *Süddeutsche Zeitung*, co-authors: Simon Groß, Berit Kruse and Sören Müller-Hansen